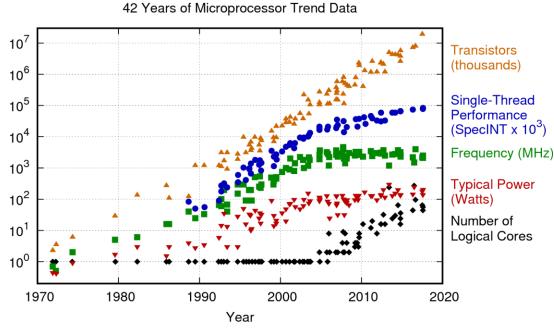
## Introduction to TDAQ session

Federico Alessio (CERN), Zhen-An Liu (IHEP), Stewart Martin-Haugh (RAL)

## Horizon scanning for TDAQ technology

- CPU performance has flatlined (although increase in number of cores)
- Increasing exploitation of FPGAs,
  GPUs by industry and HEP
- Co-processor support needs to be part of CEPC software design



Original data up to the year 2010 collected and plotted by M. Horowitz, F. Labonte, O. Shacham, K. Olukotun, L. Hammond, and C. Batten New plot and data collected for 2010-2017 by K. Rupp

## Overview of session

- •大家好!
- What do current and near-future experiments have to offer CEPC?
- What are the trends in technology and techniques over the next few years?
- Should have plenty of time for discussion during the session
  - As long as speakers stick to time!
- 谢谢 to all speakers and participants